

Dikshit Kumar Jalui

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Hyderabad, Telangana, India

EDUCATION

Institute of Aeronautical Engineering

Bachelor of Technology in Artificial Intelligence & Machine Learning

Hyderabad, India

Sep 2024 – Apr 2028 (expected)

- CGPA: 9.03/10.0 (till III Semester)
- Relevant Coursework: Data Structures & Algorithms, Machine Learning, Natural Language Processing, Database Management Systems, Software Engineering, Web Systems Engineering

EXPERIENCE

Design Co-Head

ACM x IARE Student Chapter

Mar 2025 – Present

Hyderabad, India

- Lead design strategy and creative direction for ACM chapter events, workshops, and promotional materials, reaching 100+ students
- Manage a team of 5+ designers to deliver high-quality visual content for technical workshops and hackathons
- Collaborate with technical teams to create user-centric designs for web applications and event platforms

PROJECTS

Sentry RAG Application | Base44, RAG, AI, Vector DB, React

Dec 2024

- Built intelligent document search system using Retrieval-Augmented Generation (RAG) for enhanced query responses
- Deployed full-stack application on Base44 platform with real-time data retrieval and natural language processing

AI-Powered Image Recognition System | Python, TensorFlow, OpenCV, Flask

Jan 2025

- Built CNN achieving 94% accuracy on image classification with 10,000+ images using ResNet architecture
- Deployed web-based interface using Flask for real-time image prediction and analysis

TECHNICAL SKILLS

Programming Languages: Python, C, Java, JavaScript, SQL

Machine Learning/AI: TensorFlow, PyTorch, Keras, Hugging Face, OpenCV

Web Development: Node.js, FastAPI, Flask, Django, GraphQL

Databases: MySQL, MongoDB

Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, Kubernetes, Git

Tools & Technologies: Jupyter, VS Code, Git, Adobe Creative Suite

ACHIEVEMENTS & CERTIFICATIONS

Coincent Certification

Java & Python, 2024

JP Morgan Job Simulation Certificate

Completed software engineering virtual experience, 2026

Oracle Certification

Oracle Cloud Infrastructure Foundations, 2026

AWS Certification

AWS Cloud Practitioner Essentials, 2026